

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : LIU, et al.
Application No. : 10/729,970
Filed : 9 December 2003
Title : ISOLATED DC-DC CONVERTERS

Art Unit : 2838
Examiner : Berhane, Adolph D.

Attorney Docket No. : 14546



Honorable Assistant Commissioner of Patents
Alexandria, VA 22313-1450

Sir:

PTO Customer No.: 000293

INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement is being submitted along with a Request for Continued Examination (RCE) contained in a separate paper filed herewith. This Supplemental Information Disclosure Statement is a submission 37 C.F.R., §§ 1.114(c).

In accordance with 37 C.F.R., §§ 1.97-1.99, applicants submit the following information which may be of interest to the examiner in charge of the above referenced application for patent. Copies of the non-US patent references listed on the attached FORMS PTO/SB/08A and PTO/SB08B, the Information Disclosure Statement by Applicant, are attached. The applicants do not believe that any fee is payable beyond that submitted with the RCE; however, if any such fee is payable, the Commissioner is hereby authorized to deduct the fee from Deposit Account No.: 04-1577.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'R. Dowell', followed by the date '8/23/05'.

Attorney for Applicants
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/729,970
Filing Date	9 December 2003
First Named Inventor	LIU, Yan-Fei
Art Unit	2838
Examiner Name	BERHANE, Adolf D.
Attorney Docket Number	14546

Sheet	1	of	2
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/729,970		
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		Art Unit	2838		
		Examiner Name	BERHANE, Adolf D		
Sheet	2	of	2	Attorney Docket Number	14546

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		JIA WEI, PENG XU, and FRED C. LEE, A High Efficiency Topology for 12V VRM - Push-Pull Buck and Its Integrated Magnetics Implementations, Virginia Polytechnic Institute and State University, 2002, pp. 679-685, IEEE: Blacksburg, VA, USA.	
		PENG XU, JIA WEI, KAIWEI YAO, YU MENG, and FRED C. LEE, Investigation of Candidate Topologies for 12V VRM, Virginia Polytechnic Institute and State University, 2002, pp. 686-692, IEEE: Blacksburg, VA, USA.	
		YAN-FEI LIU, and PARESH C. SEN, New Class-E DC-DC Converter Topologies with Constant Switching Frequency, IEEE Transactions on Industry Applications, Vol. 32, No. 4, July/August 1996, pp.961-969, IEEE, USA.	
		YAN-FEI LIU, and PARESH C. SEN, A Novel Resonant Converter Topology for DC-to-DC Power Supply, IEEE Transactions on Aerospace and Electronic Systems, Vol. 31, No. 4, October, 1995, pp. 1301-1313, IEEE, USA.	
		YAN-FEI LIU, and PARESH C. SEN, Source Reactance Lossless Switch (SRLS) for Soft-Switching Converters with Constant Switching Frequency, IEEE Transactions on Circuits and Systems - I: Fundamental Theory and Applications, Vol. 43, No. 4, April 1996, pp. 301-312, IEEE, USA.	

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